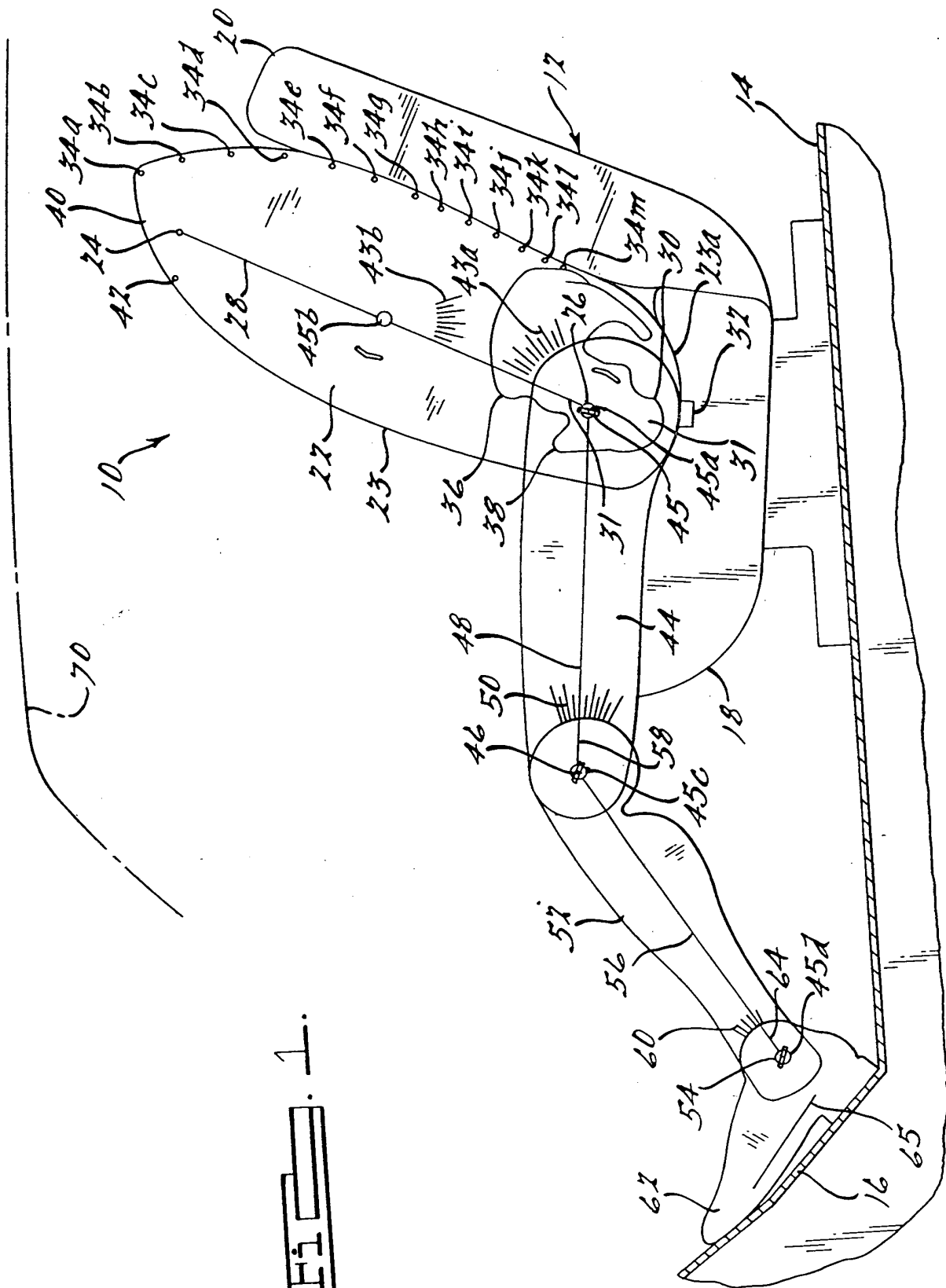


FIG. 1.



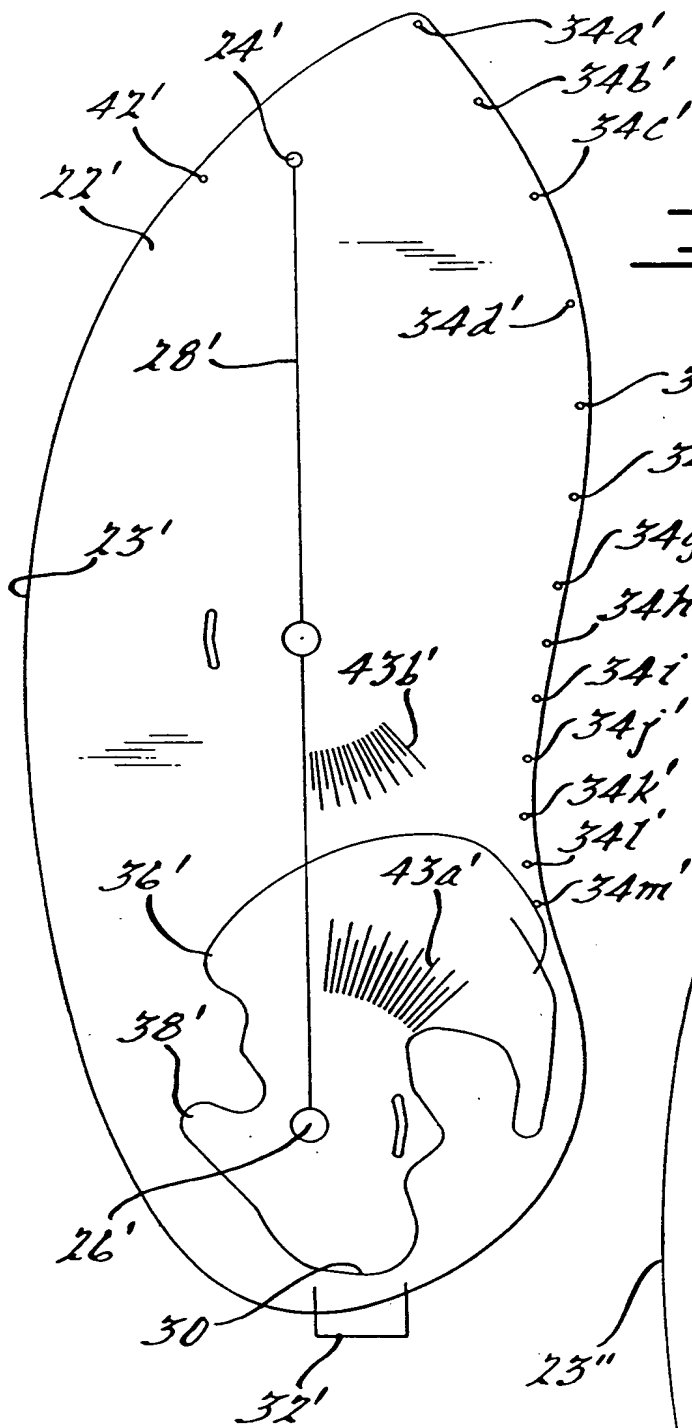


Fig. 2.

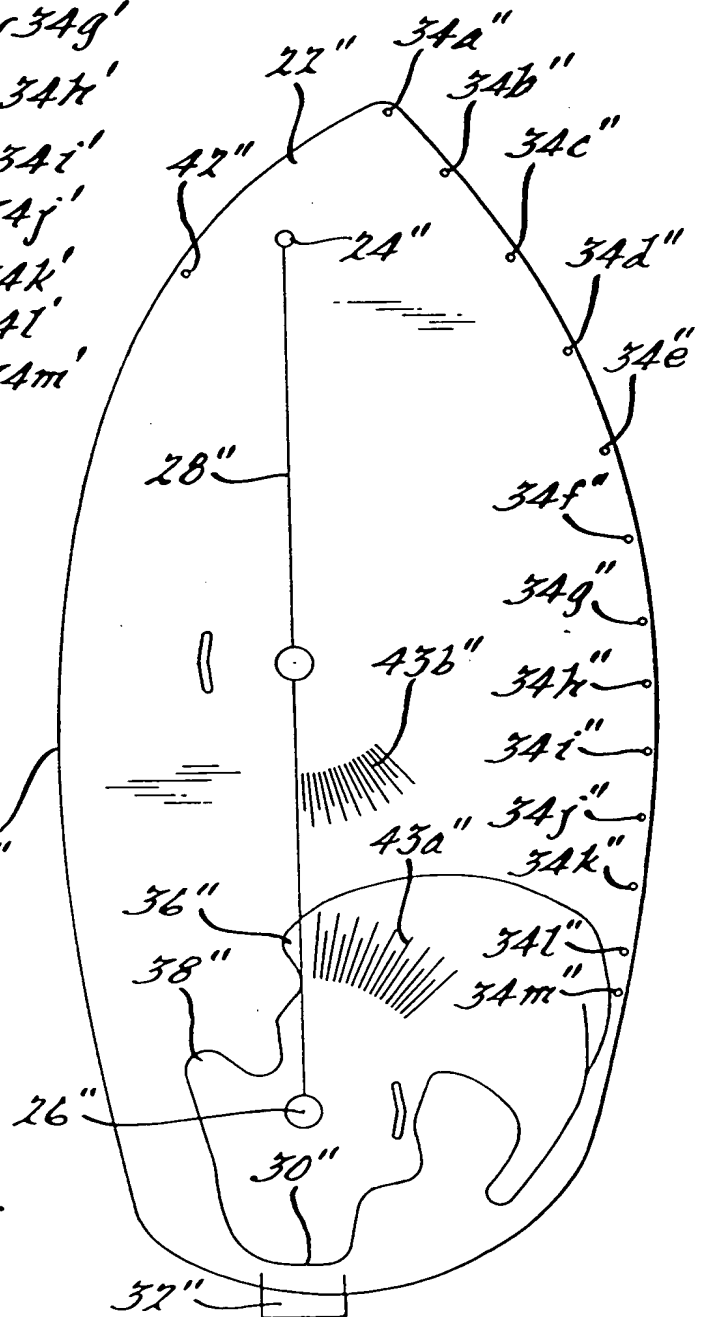
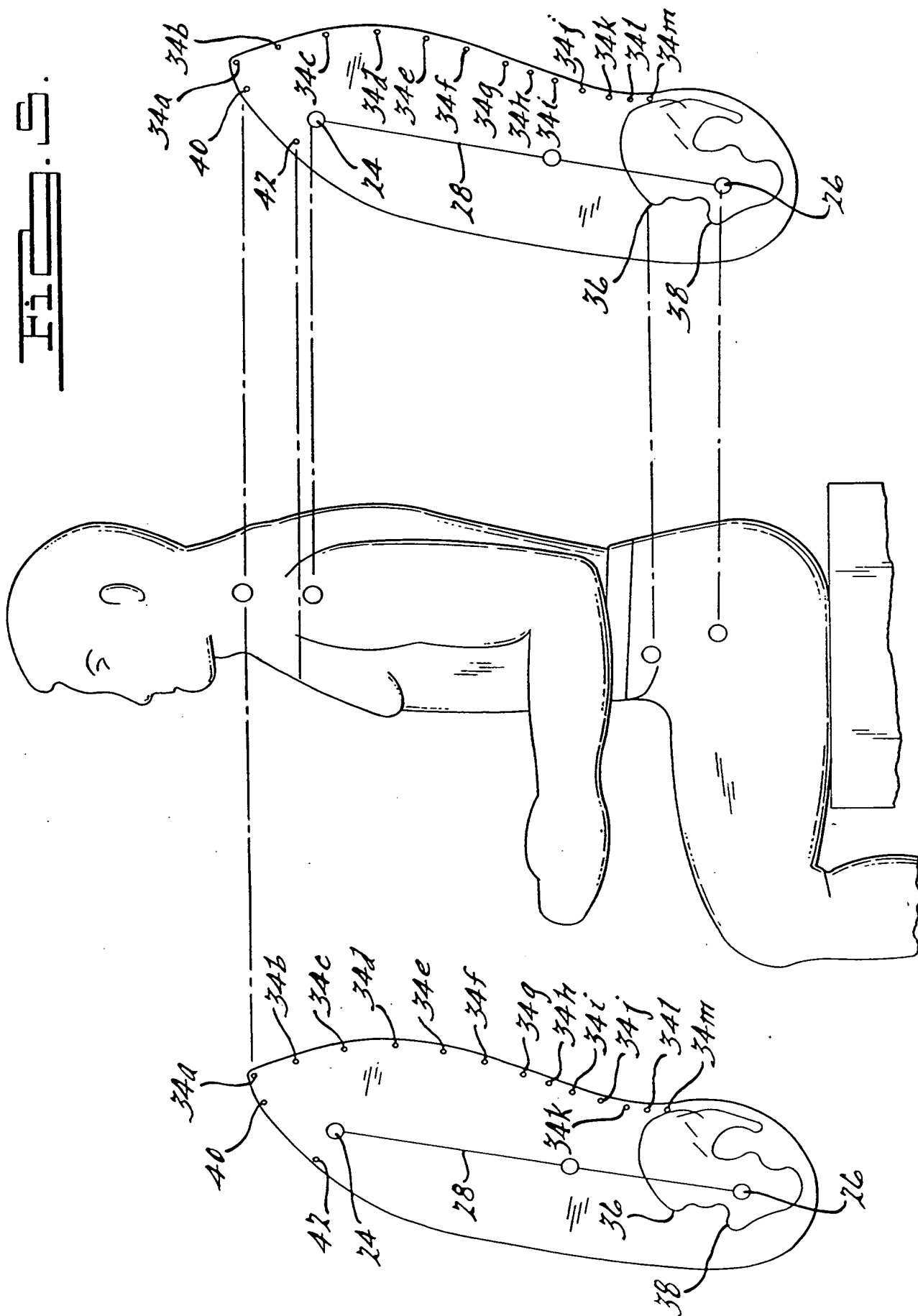


FIG. 5.



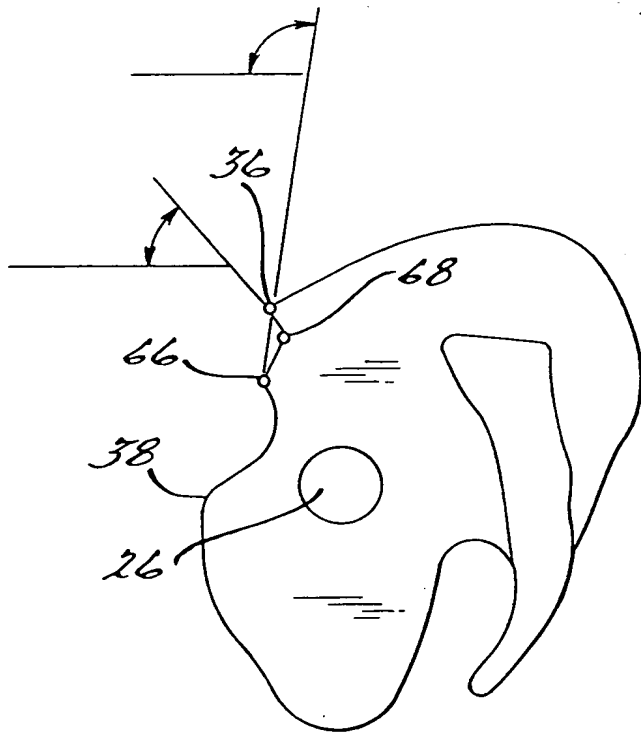


FIG. 7.

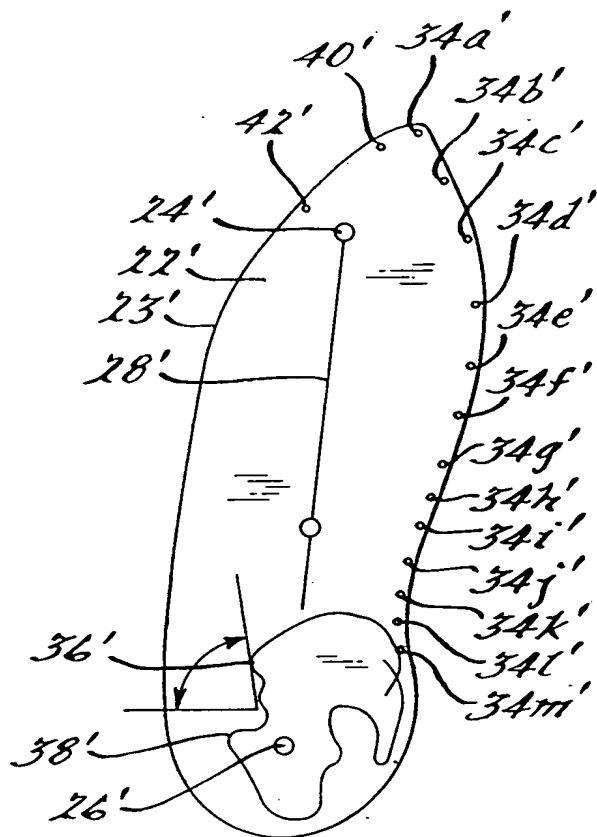


FIG. 8.

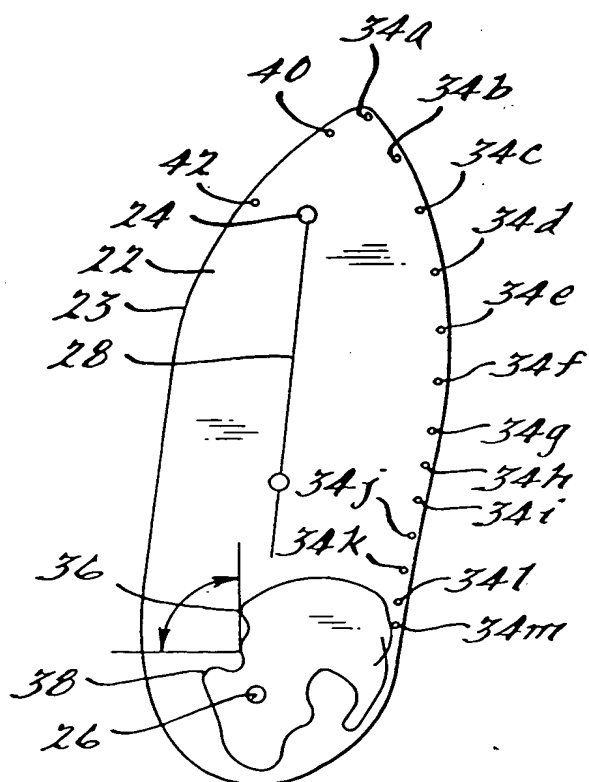


FIG. 9.

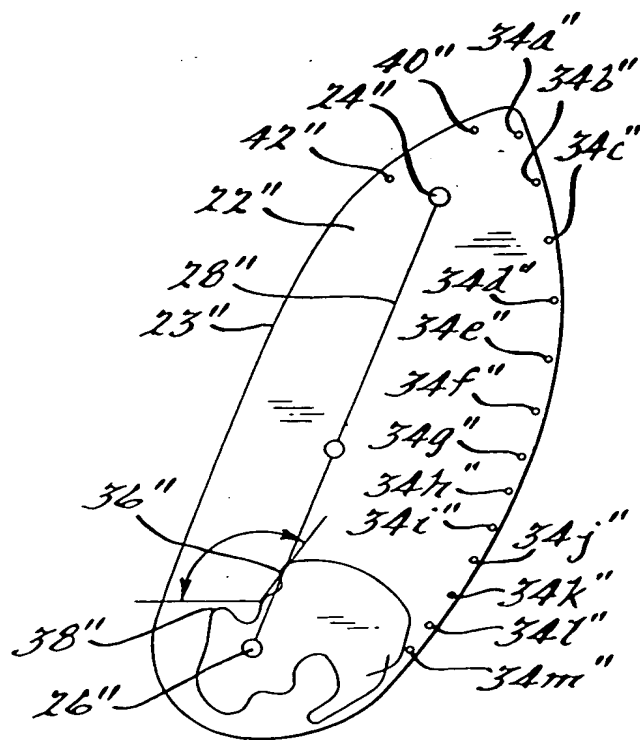


FIG. 10.

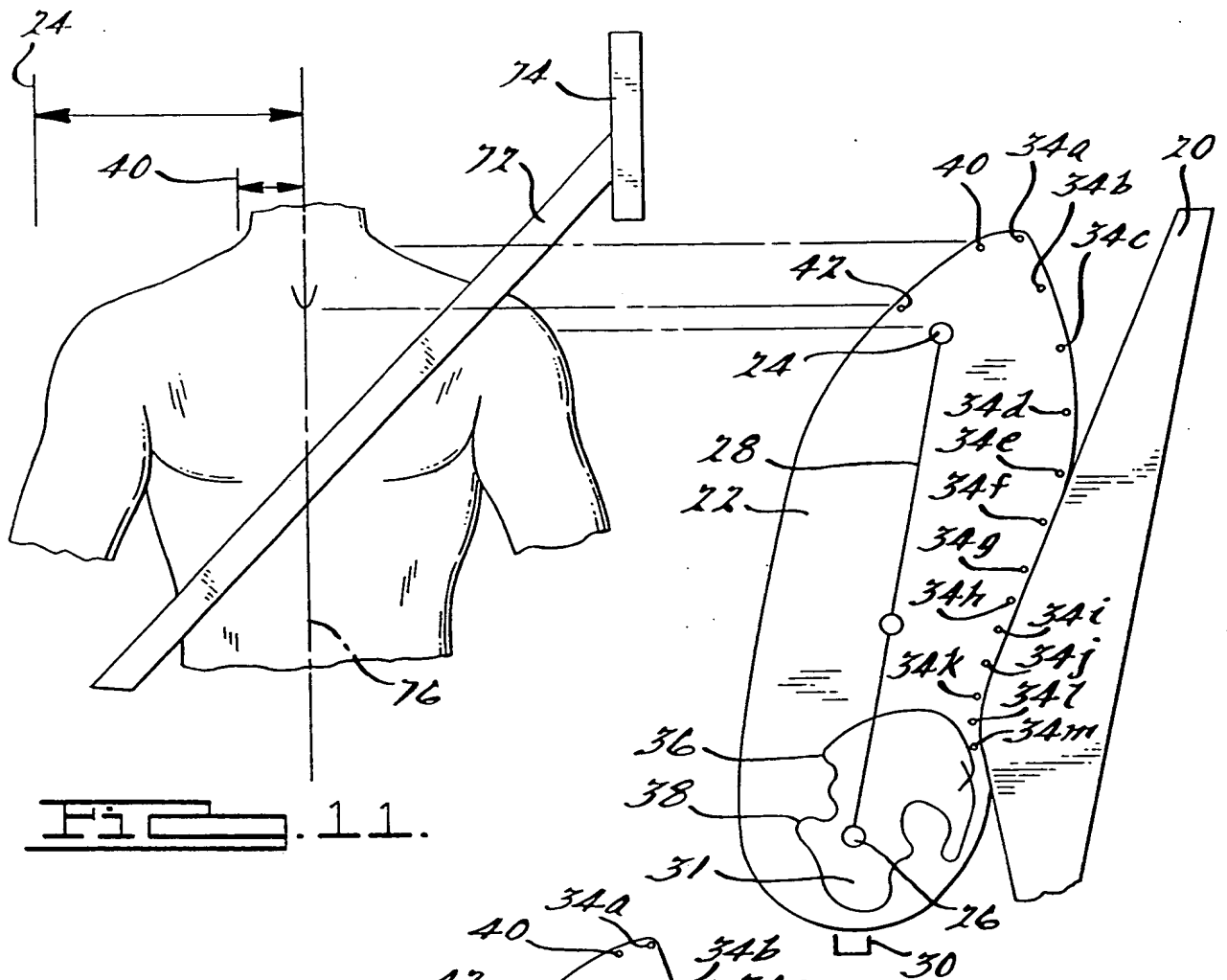


FIG. 11.

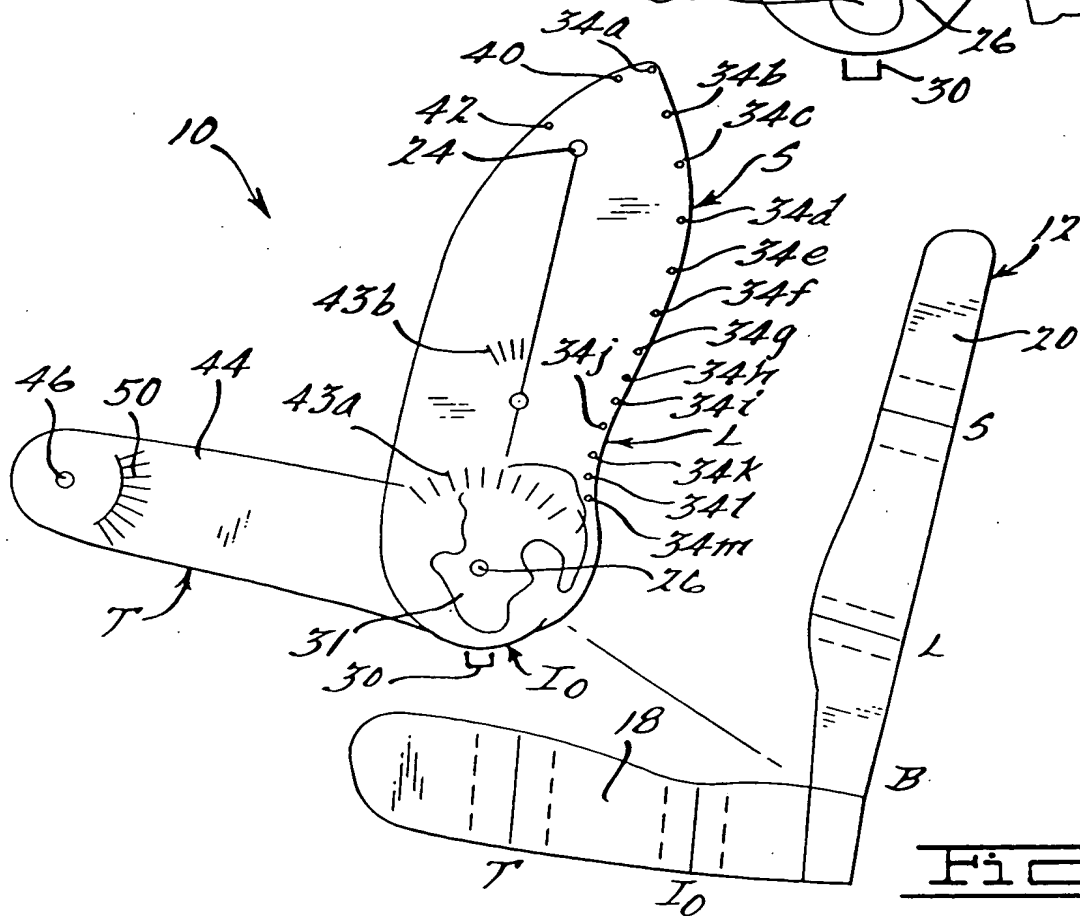
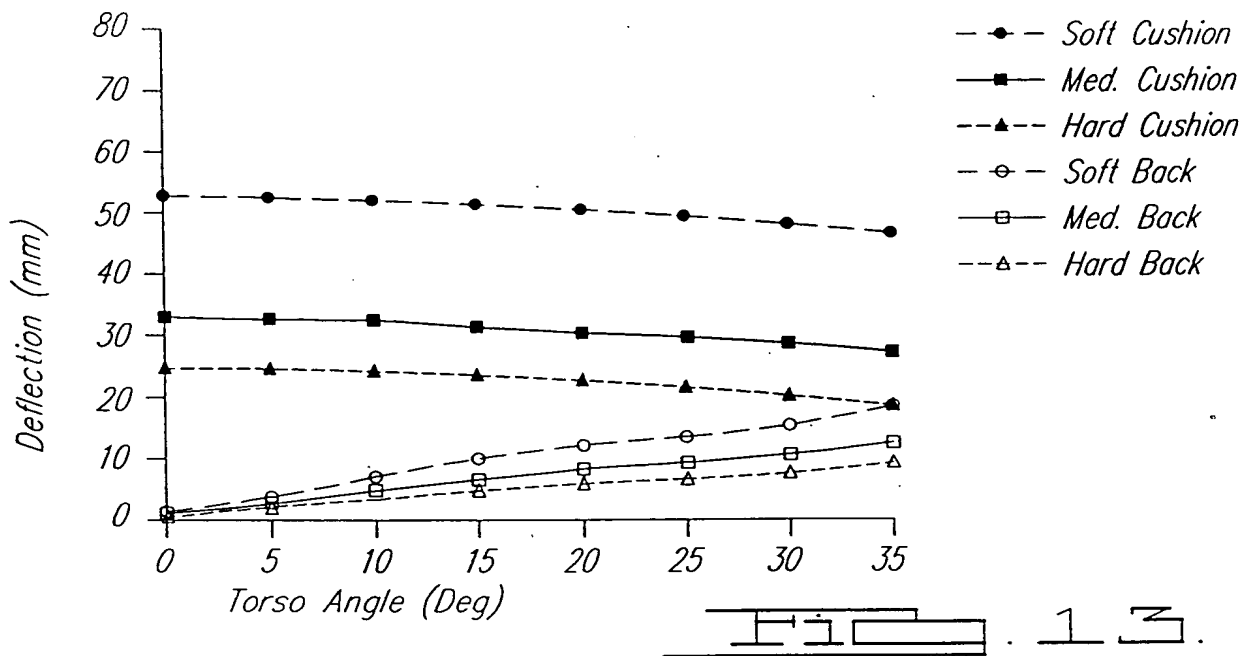
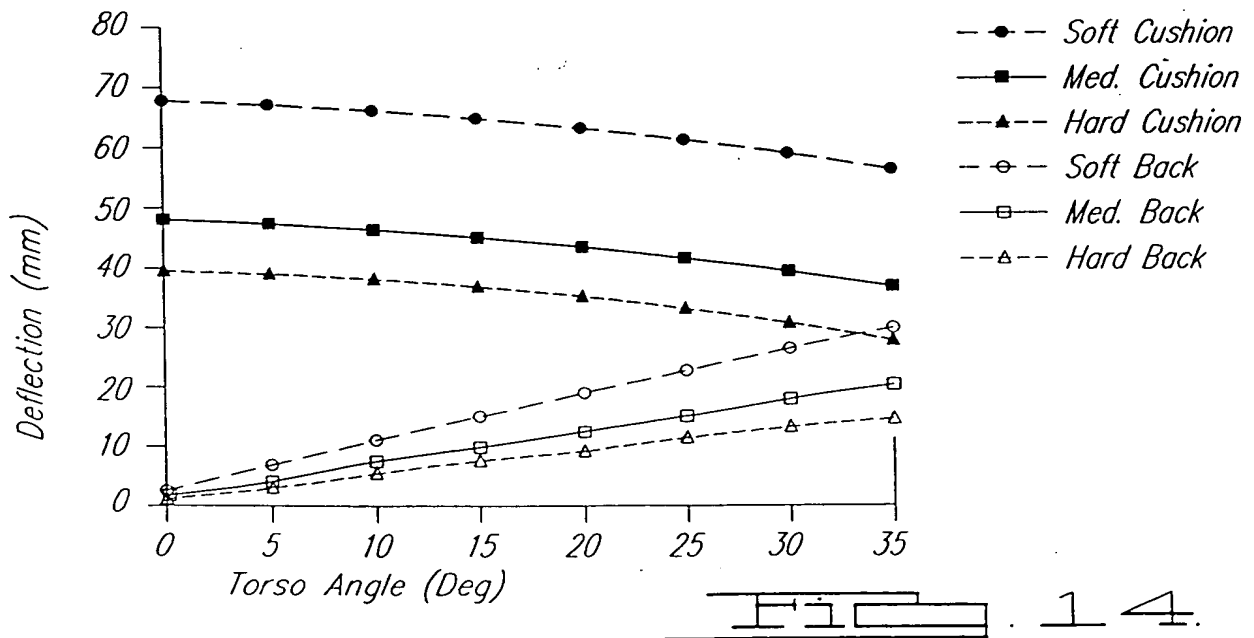


FIG. 12.

Representative Seat Cushion And Seat Back Deformation
For The 5th %ile NEUTRAL



Representative Seat Cushion And Seat Back Deformation
For The 50th %ile NEUTRAL



Representative Seat Cushion And Seat Back Deformation
For The 95th %ile NEUTRAL

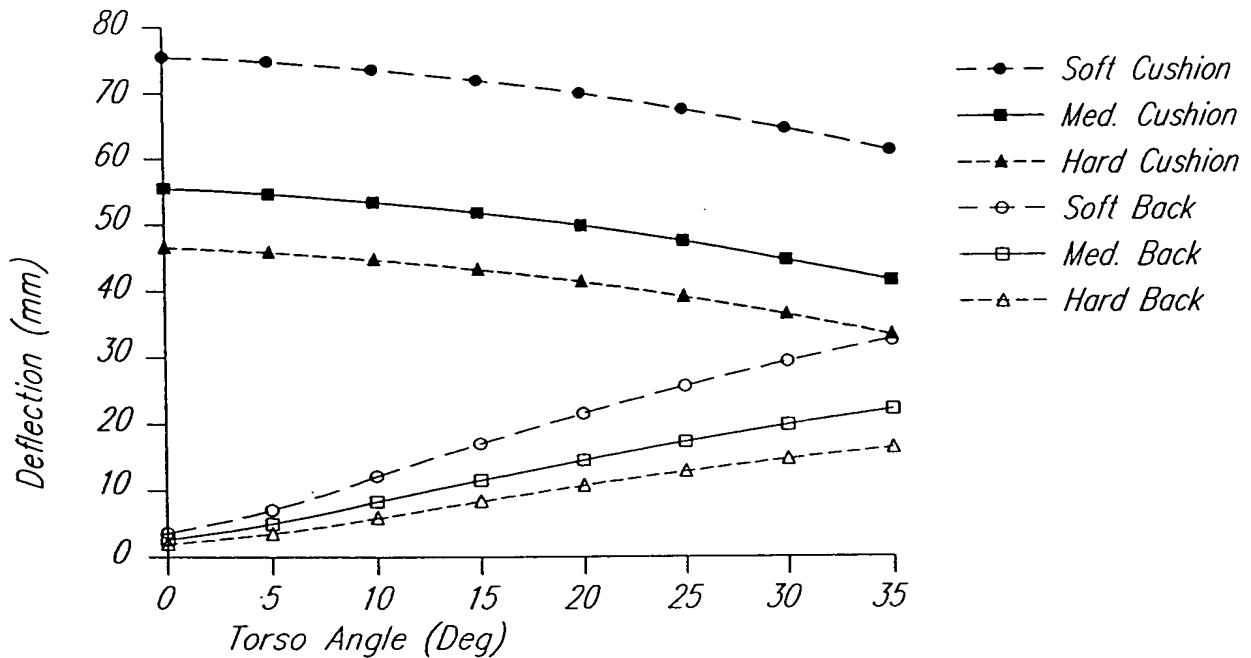


FIG. 15.

Representative Force Deflection Curve for Soft,
Medium And Hard Seats.

Values for medium seats are measured, values for soft and hard seats are estimated.

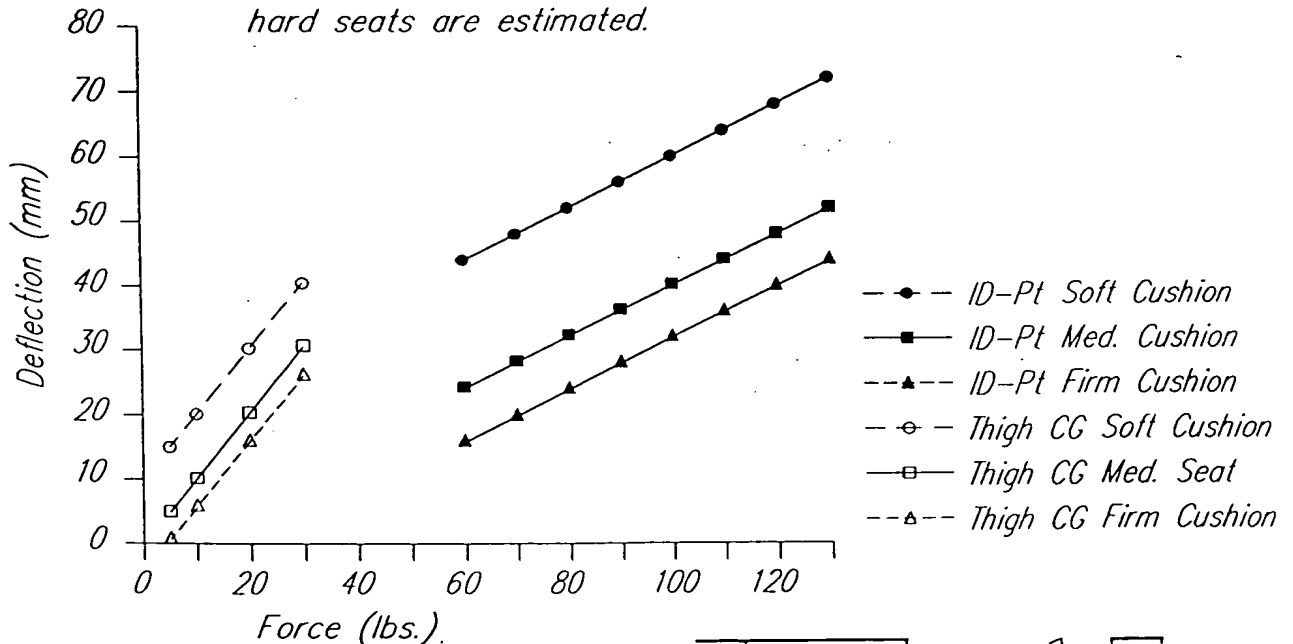


FIG. 16.

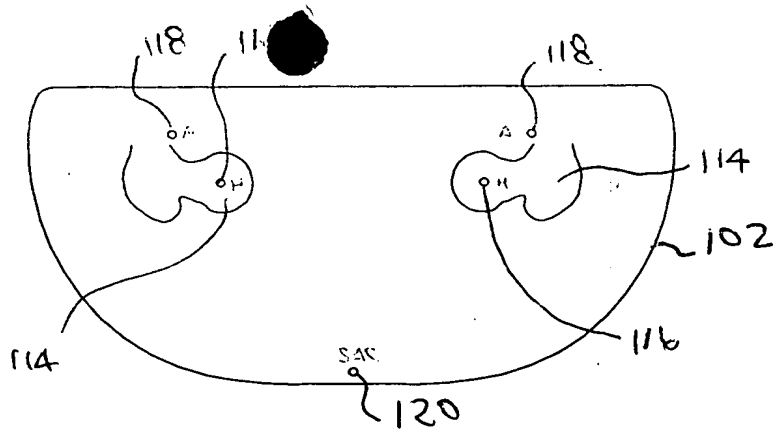


FIG. 17A

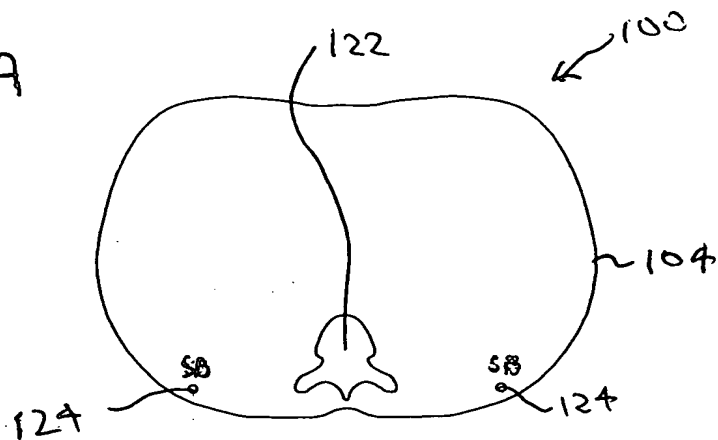


FIG. 17B

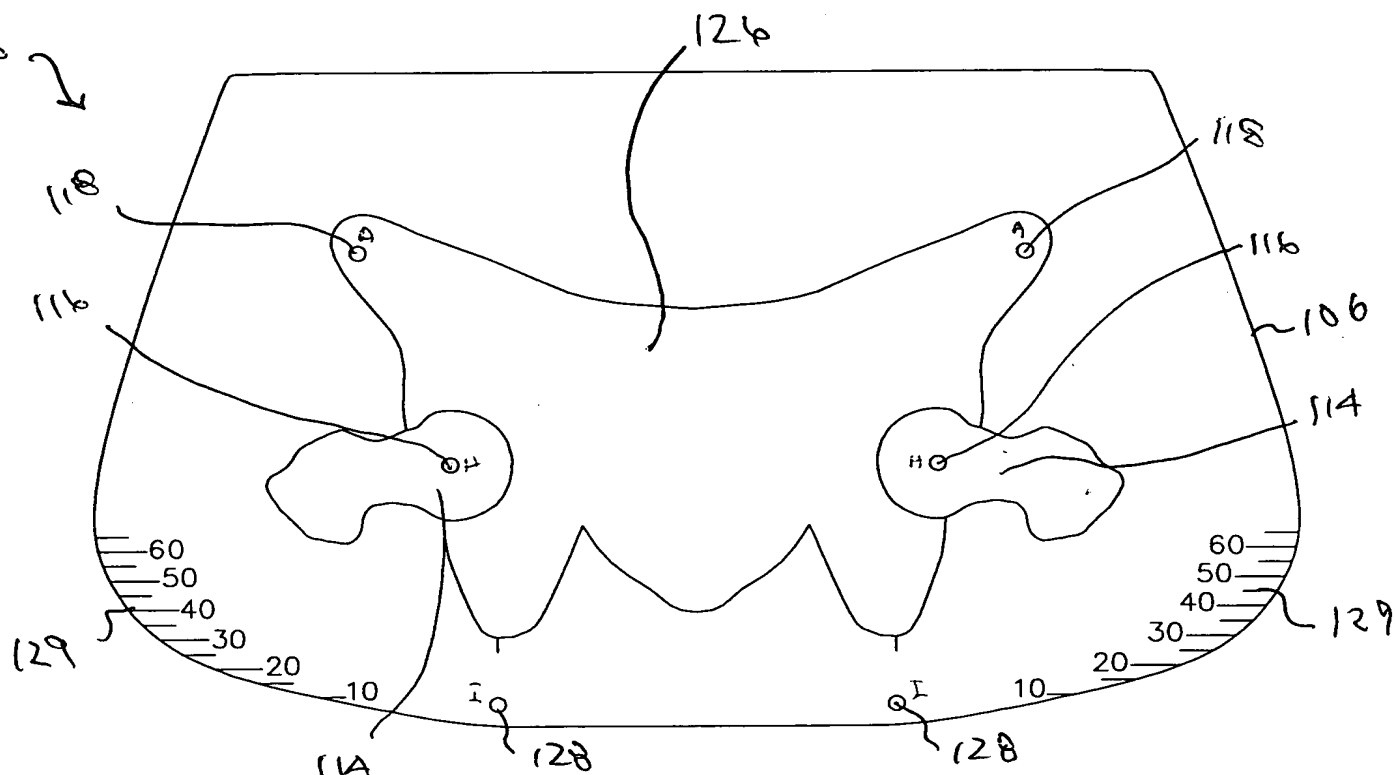
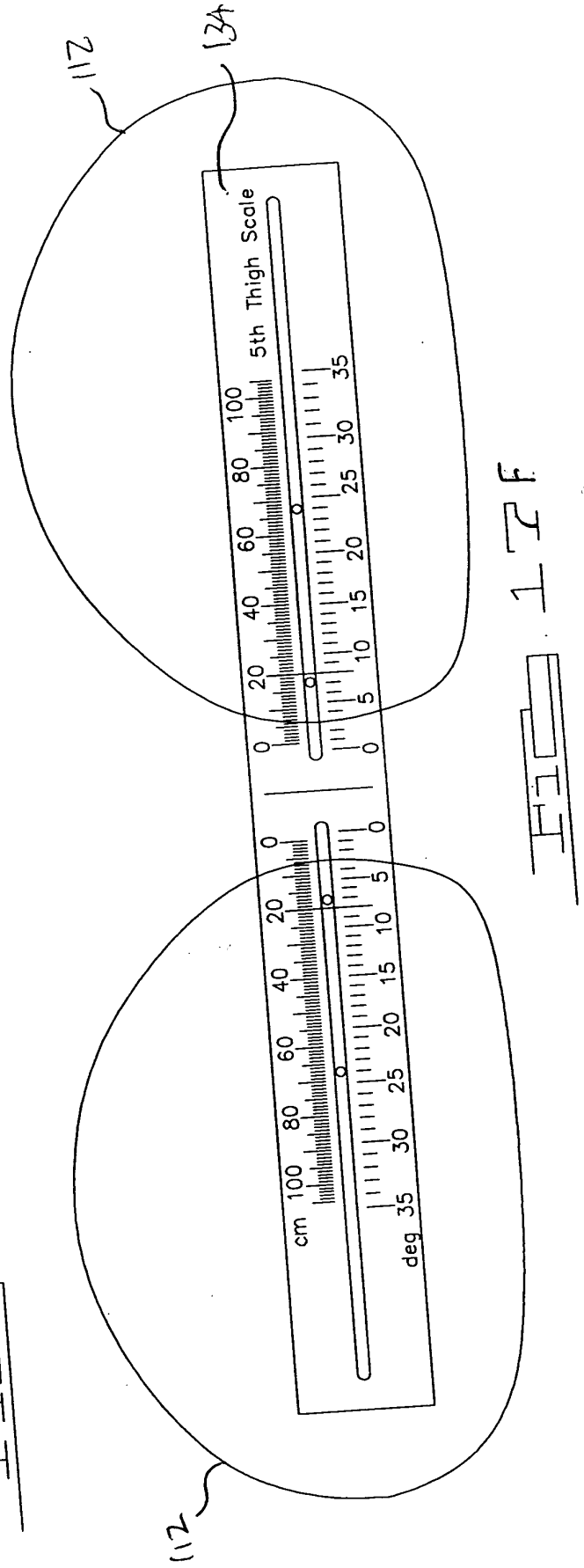
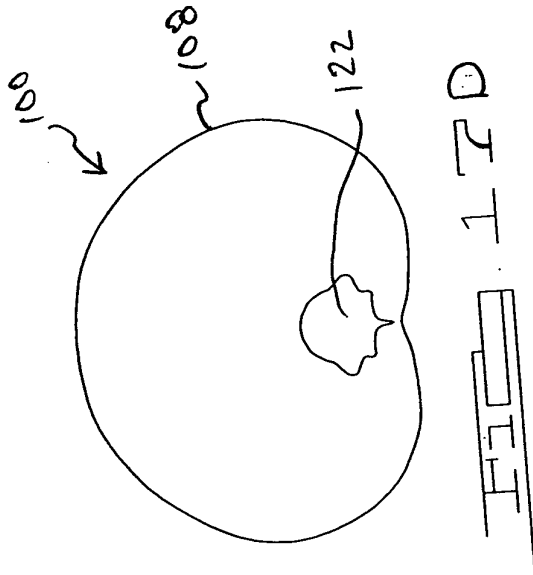
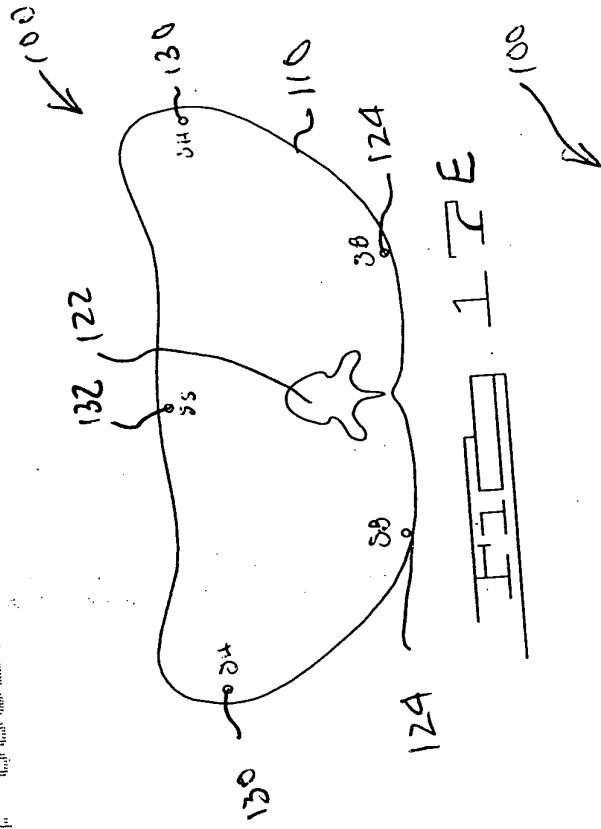
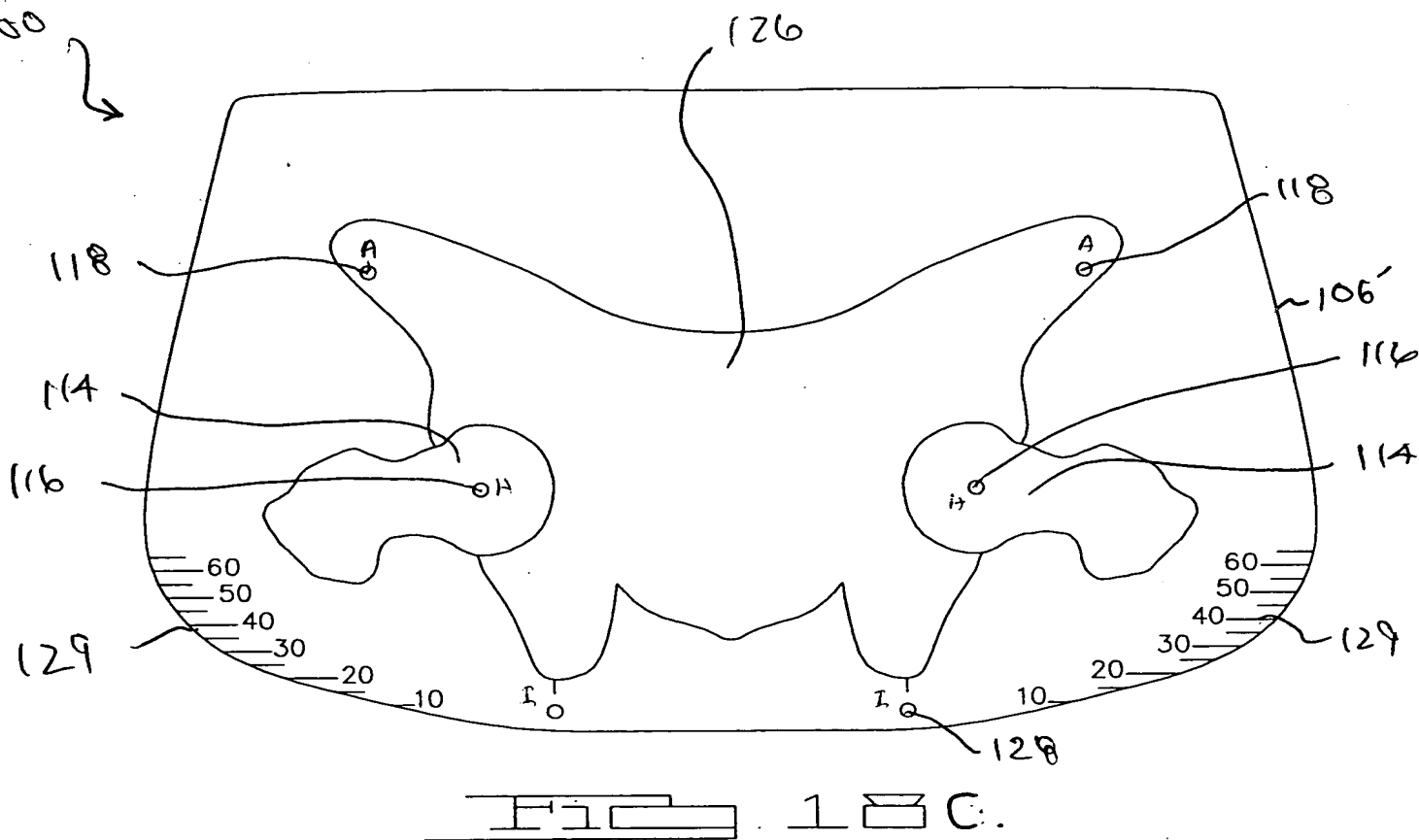
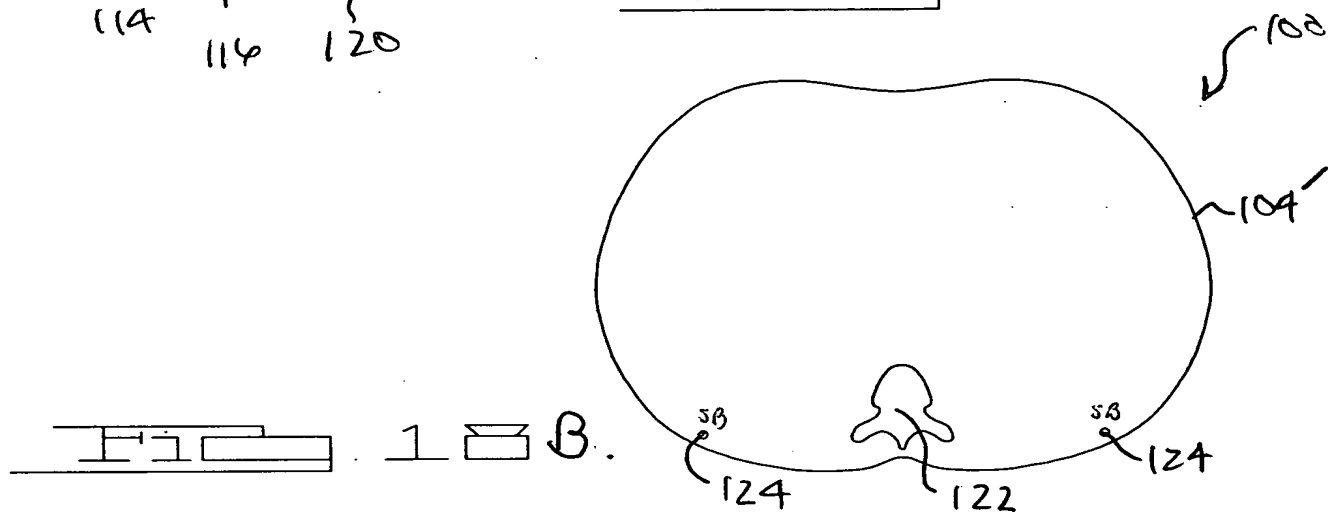
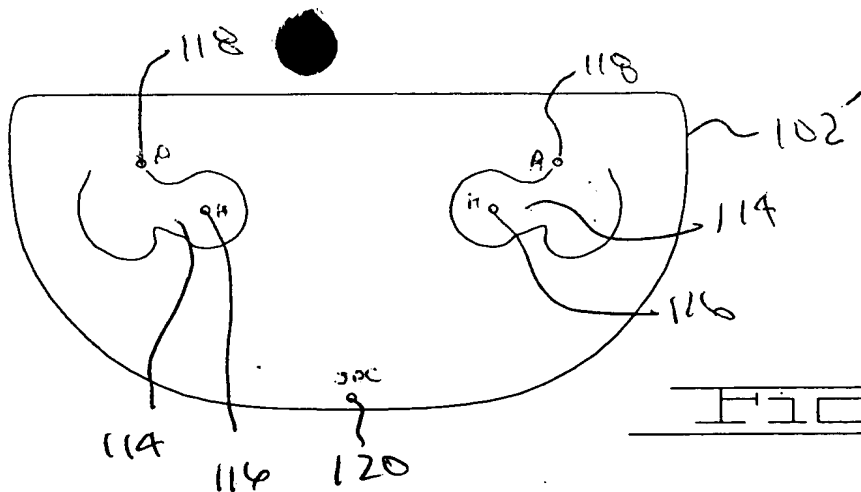


FIG. 17C





100

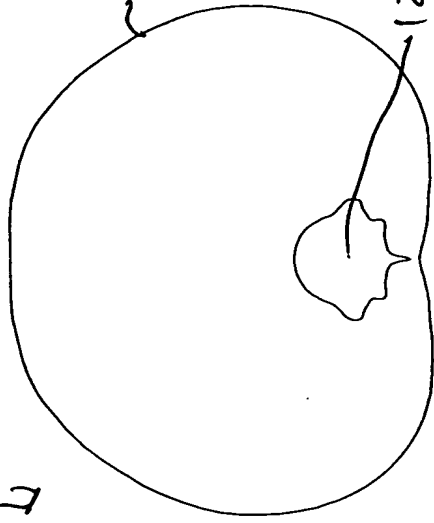


FIG. 100

100

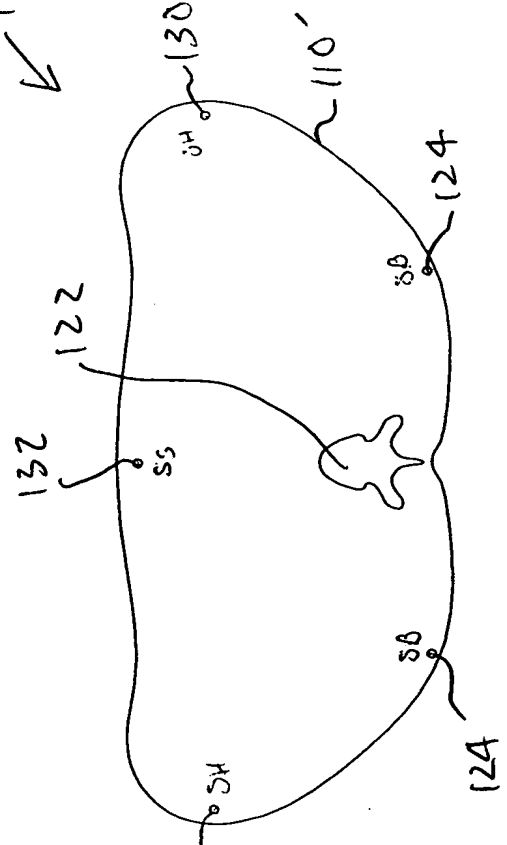


FIG. 100

112'

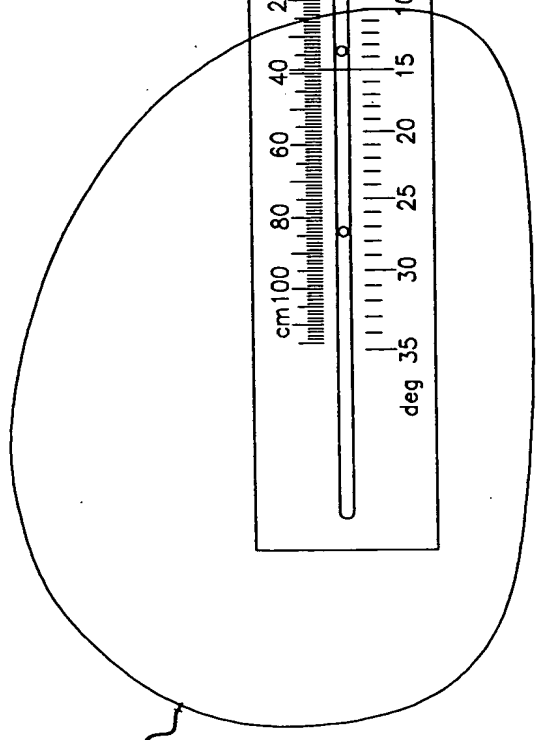


FIG. 100

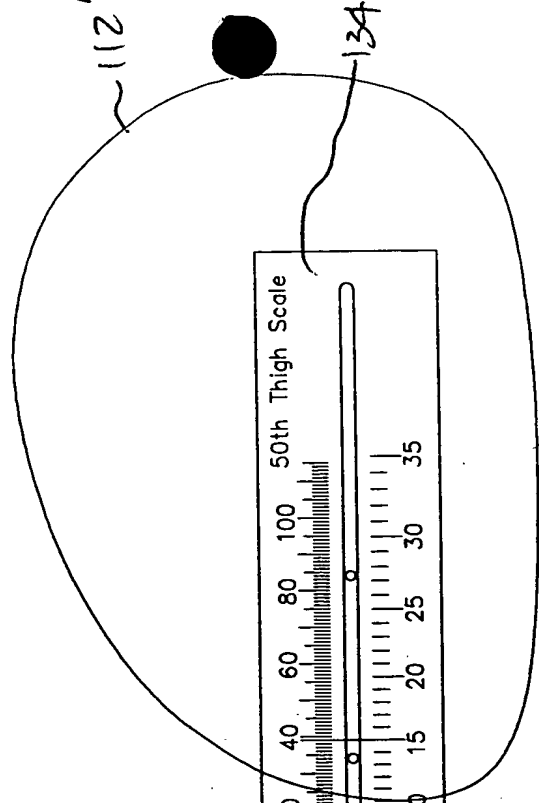


FIG. 100

100

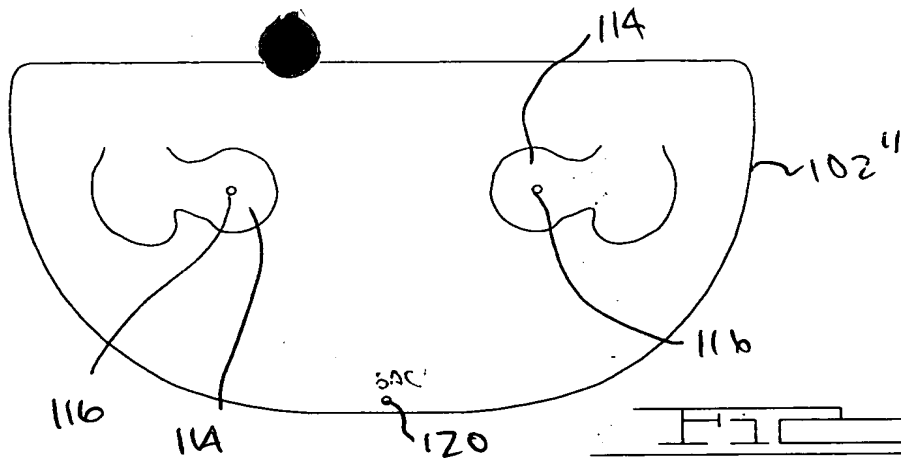


FIG. 19A

100

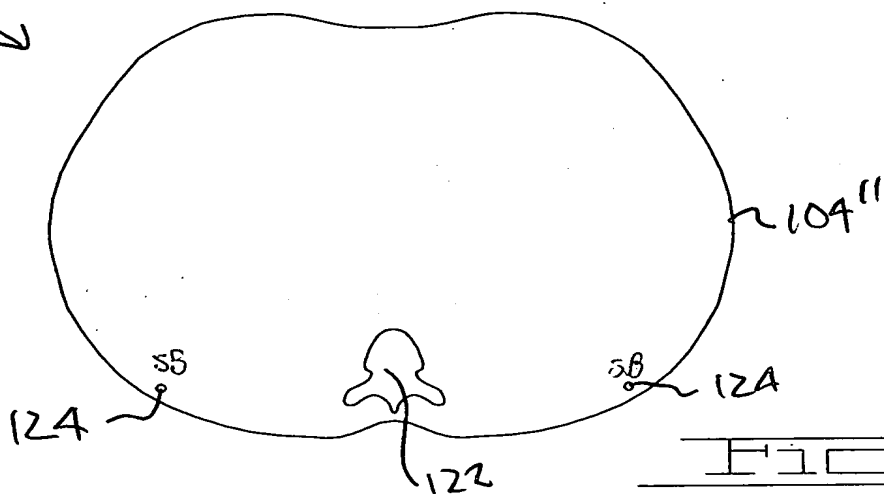


FIG. 19B

100

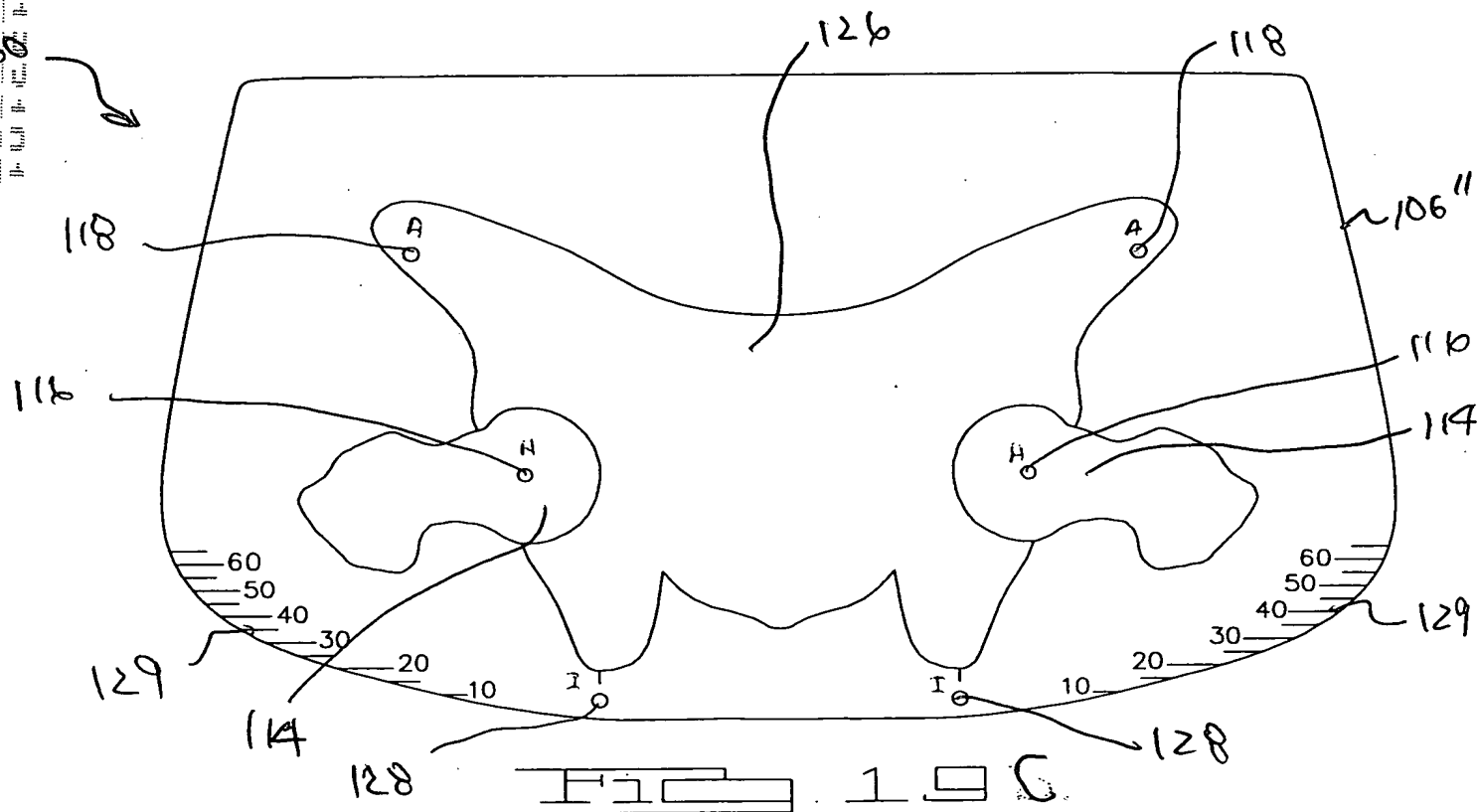


FIG. 19C

100

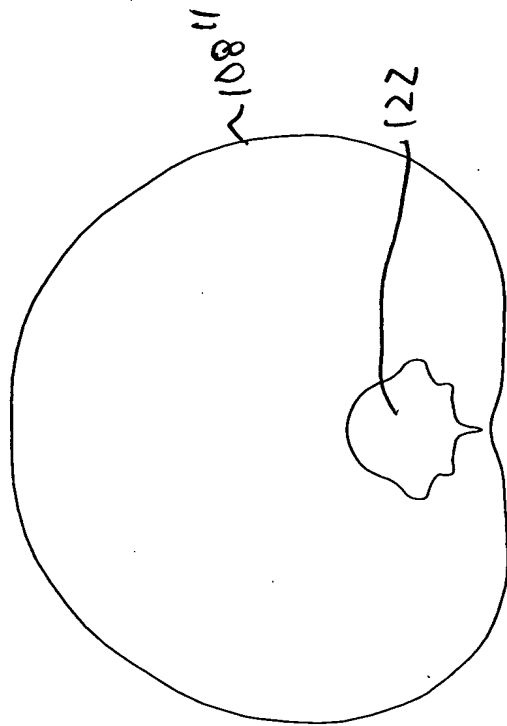


FIG. 100

100

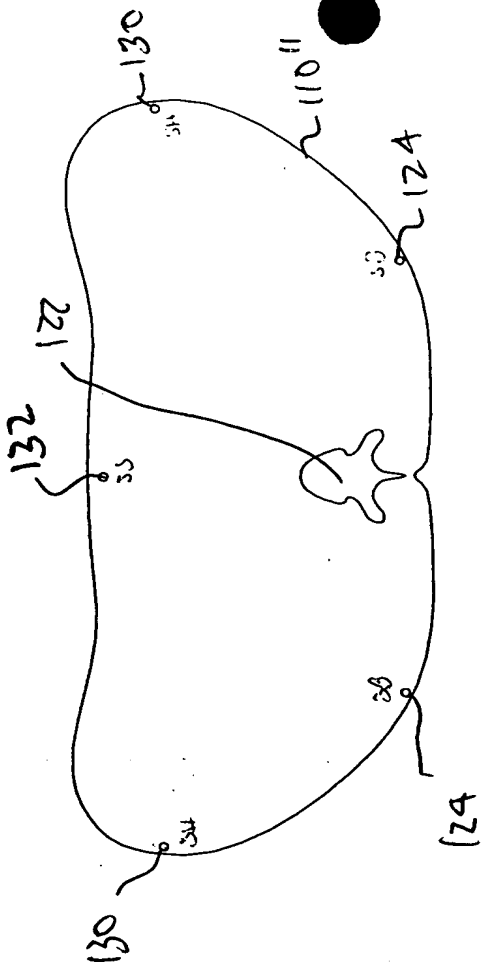


FIG. 100

100

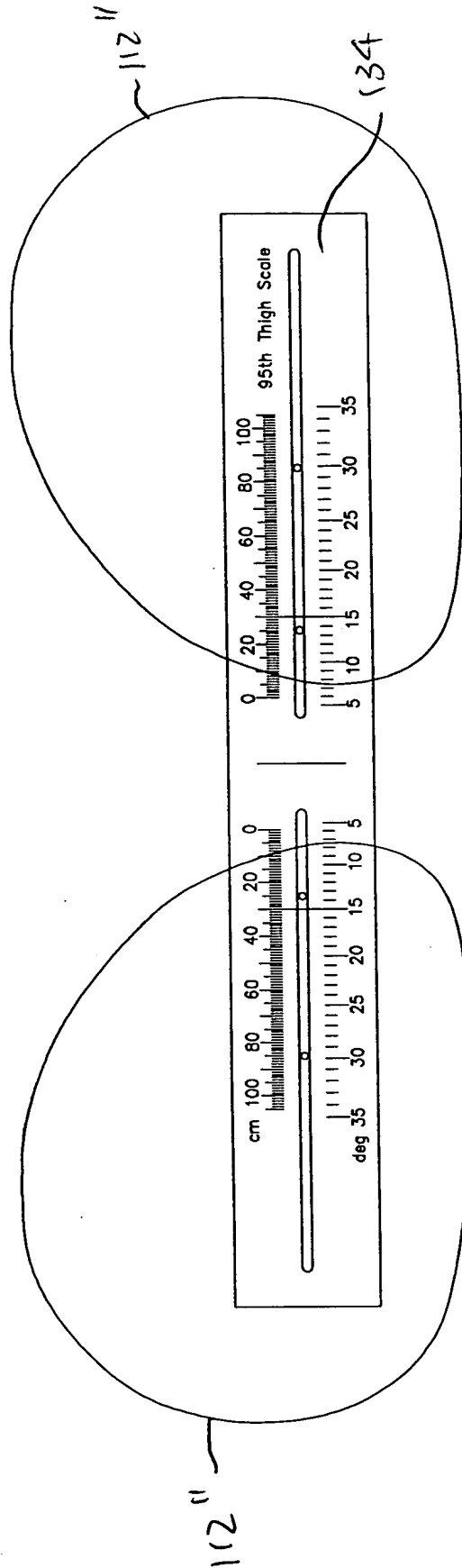
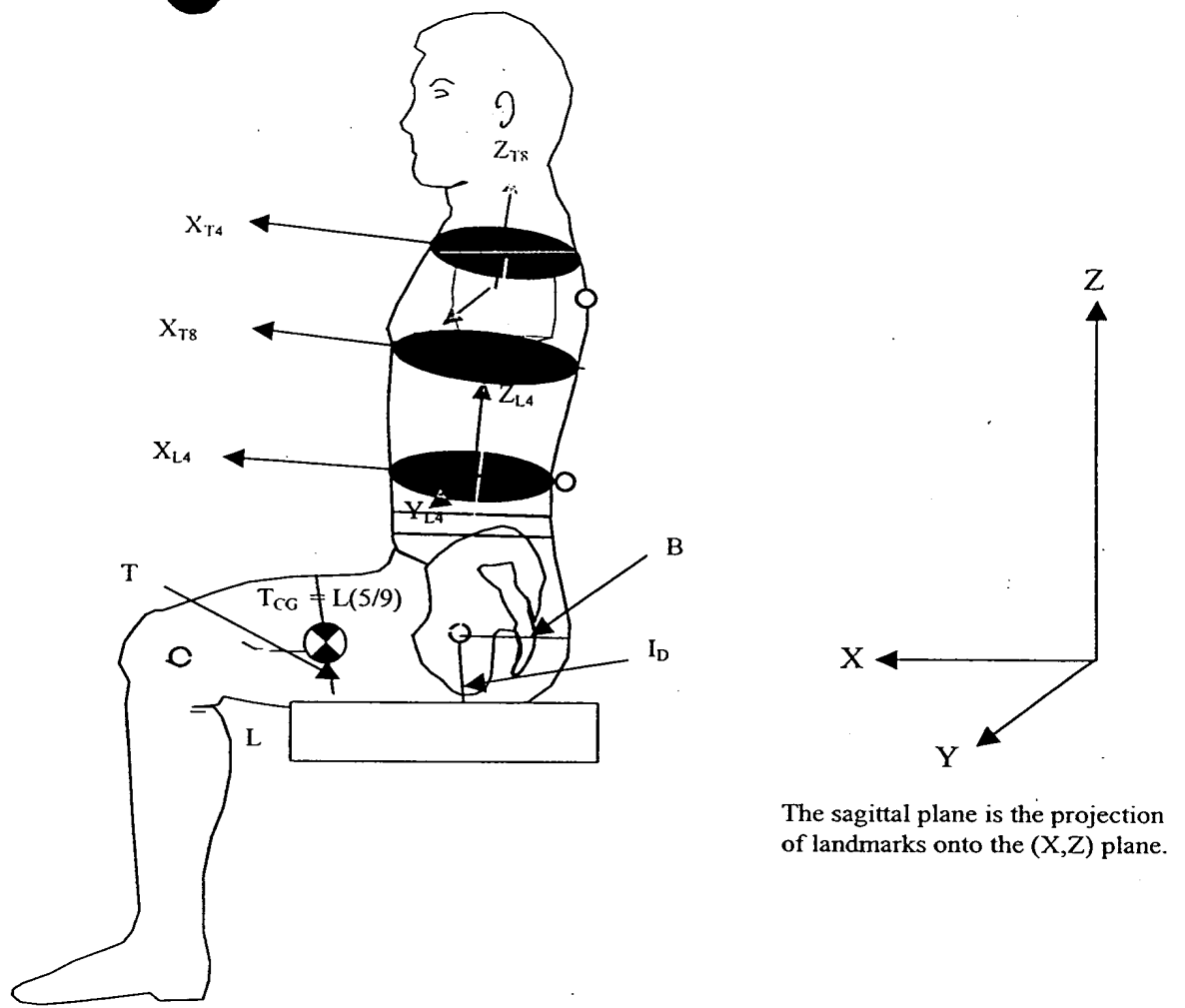


FIG. 100



Orientation of the cross-sections at T8 and L3.
2) I_D and T Cross Section

FIG. 20

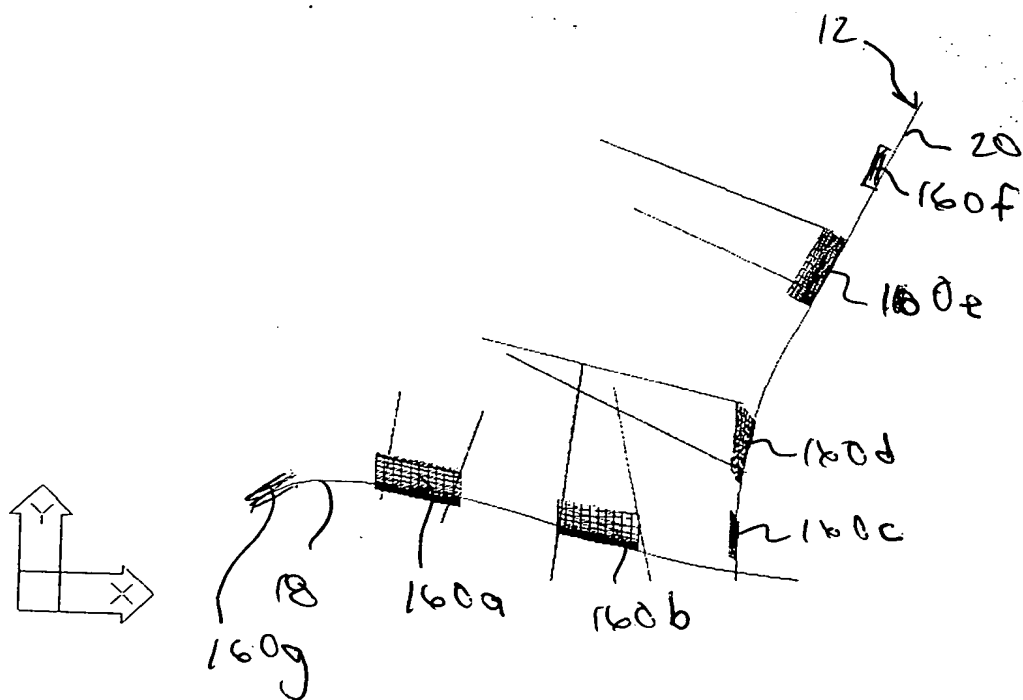
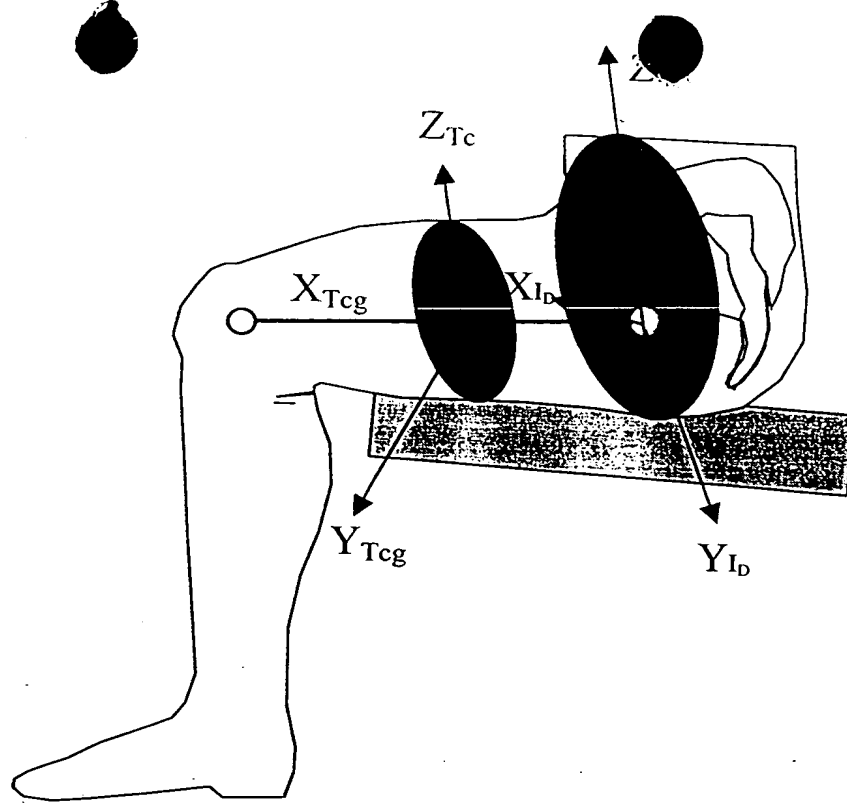
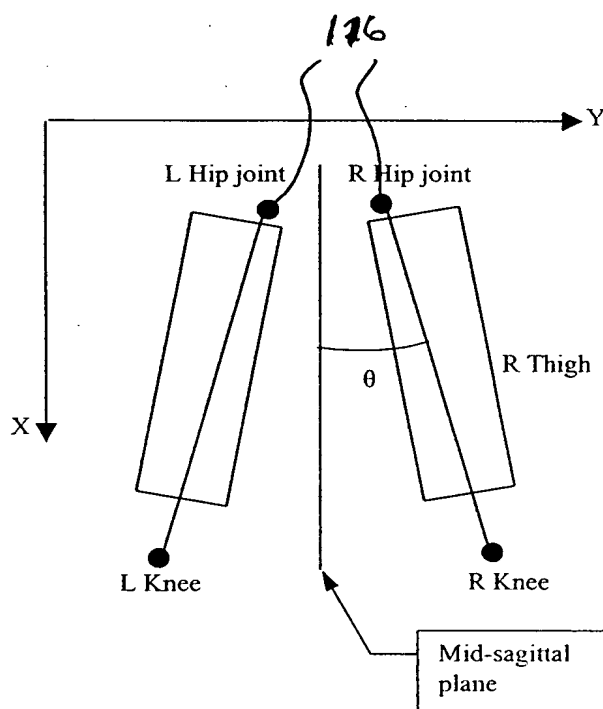


FIG. 23



Thigh and I_D Cross Sections

FIG. 21



Thigh splay angle (θ)

FIG. 22

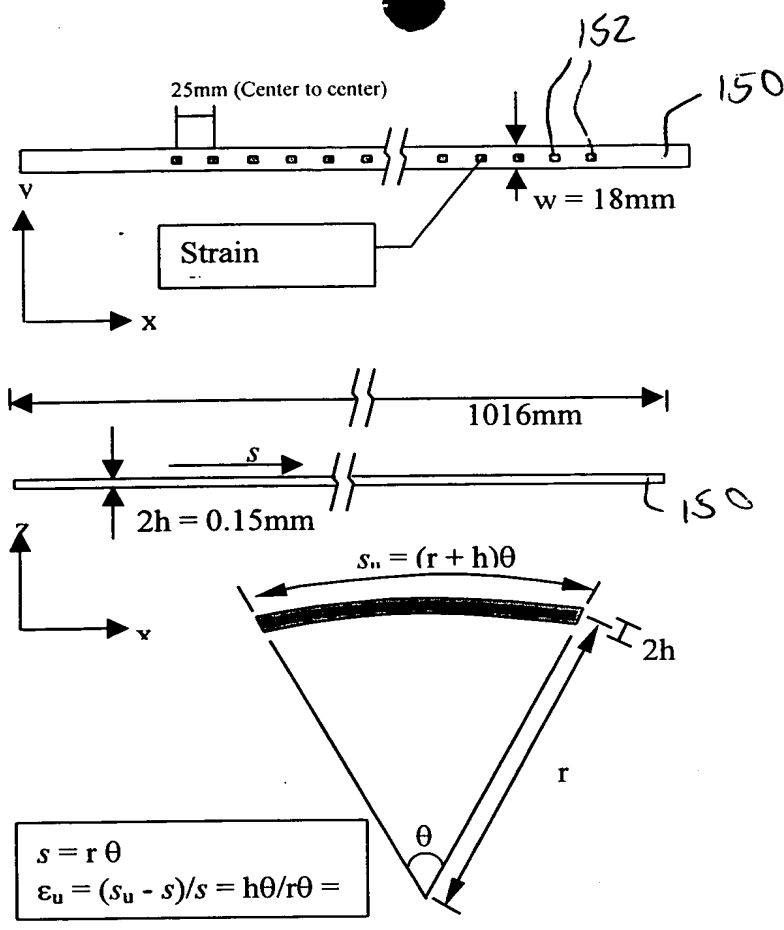


FIG. 24

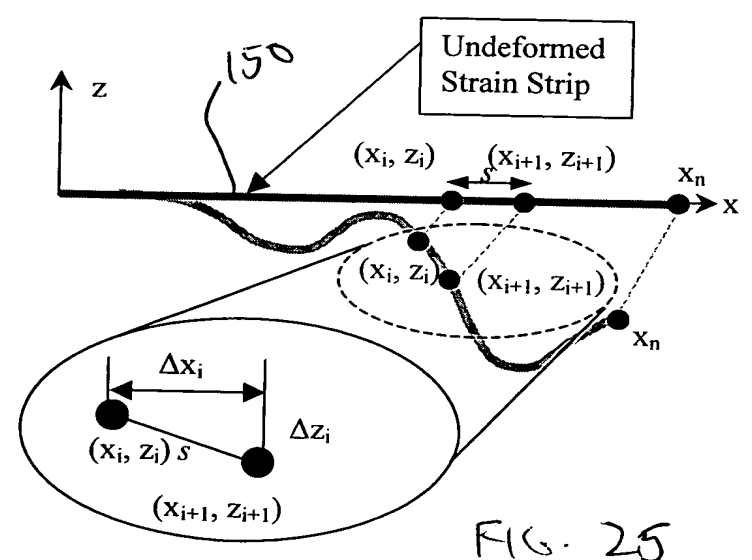


FIG. 25

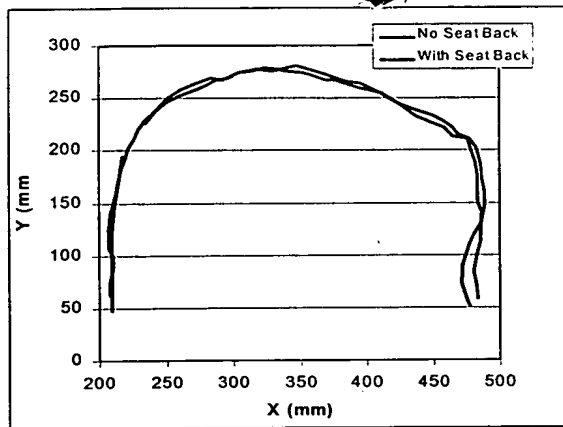


FIG. 26

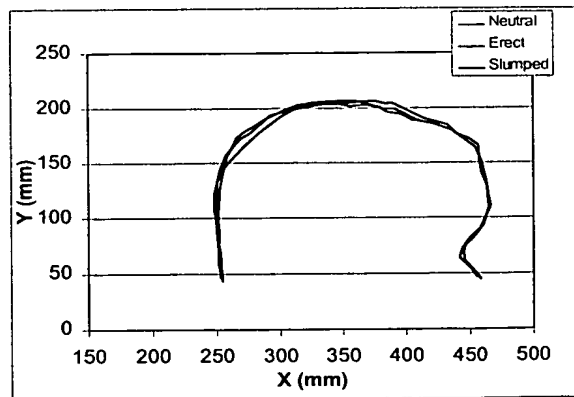


FIG. 27

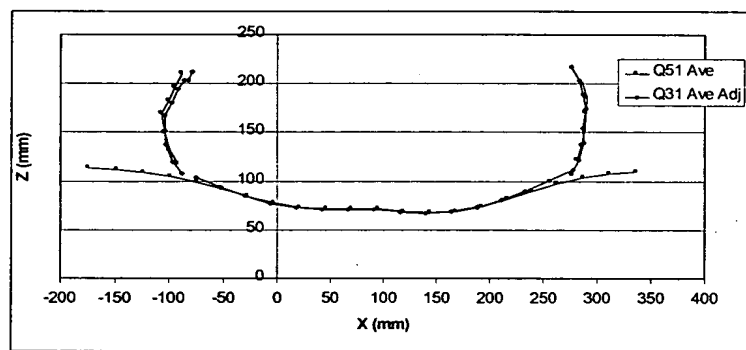


FIG. 28

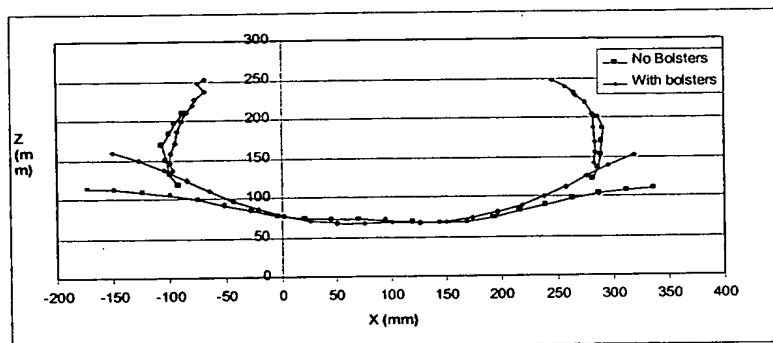


FIG. 29